AQUA VARNISH COMPONENT B

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1 IDENTIFICATION OF THE SUBSTANCE OR THE MIXTURE AND OF THE COMPANY OR THE UNDERTAKING.

1.1 Product identifier.

Product name:	AQUA VARNISH COMPONENT B

1.2 Relevant identified uses of the substance or mixture and uses advised against.

Coating

Uses advised against:

Uses other than those recommended.

1.3 Details of the supplier of the safety data sheet.

Company:	**SATINE FACTORY S.L**
Address:	P.E C/Coure 16-24
Town:	12530 Burriana
Province:	Castellón
Telephone:	+34 964 100 100
Mobile:	+34 692 100 100
E-mail:	info@satine.es
Web:	www.satine.com

1.4 Emergency telephone number:

+34 692 100 100 (Only available during office hours; Monday-Friday; 08:00-18:00)

2 HAZARDS IDENTIFICATION.

2.1 Classification of the substance or mixture.

According to Regulation (EC) No 1272/2008:

- Acute Tox. 4 : Harmful if inhaled.
- Skin Sens. 1 : May cause an allergic skin reaction.
- STOT SE 3 : May cause respiratory irritation.

2.2 Label elements.

Labelling according to Regulation (EC) No 1272/2008:

Pictograms:



Signal word:

Warning

Hazard statements:

H317	May cause an allergic skin reaction.
H332	Harmful if inhaled.
H335	May cause respiratory irritation.

Precautionary statements:

P261	Avoid breathing dust/fume/gas/mist/vapours/spray.
P280	Wear protective gloves/protective clothing/eye protection/face protection P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P312	Call a POISON CENTER/doctor/... if you feel unwell. P333+P313 If skin irritation or rash occurs: Get medical advice/attention. P362+P364 Take off contaminated clothing and wash it before reuse. P403+P233 Store in a well-ventilated place. Keep container tightly closed.

Supplemental hazard statements:

EUH204	Contains isocyanates. May produce an allergic reaction.

Contains:

- hexamethylene diisocyanate
  hexamethylene diisocyanate, oligomers
  Hydrophilic aliphatic polyisocyanate

2.3 Other hazards.

The mixture does not contain substances classified as PBT (Persistent, Bioaccumulative and Toxic).

The mixture does not contain substances classified as vPvB (very Persistent and very Bioaccumulative).

The mixture does not contain substances with endocrine-disrupting properties.

Under normal conditions of use and in its original form, the product has no other adverse effects on health or the environment.

3 COMPOSITION/INFORMATION ON INGREDIENTS.

3.1 Substances.

Not applicable.

3.2 Mixtures.

Substances that represent a hazard to health or the environment in accordance with Regulation (EC) No. 1272/2008, that have been assigned a Community workplace exposure limit, that are classified as PBT/vPvB or that are included in the Candidate List:

Identifiers	Name	Concentration	Classification (*)	Specific concentration limits and Acute Toxicity Estimate
CAS No.: 28182-81-2 Registration No.: 01-2119485796-17-XXXX	hexamethylene diisocyanate, oligomers	34 - 100 %	Acute Tox. 4; H332 Skin Sens. 1; H317 STOT SE 3; H335	-

Identifiers	Name	Concentration	Classification (*)	Specific concentration limits and Acute Toxicity Estimate
	Hydrophilic aliphatic polyisocyanate	20 - 25 %	Acute Tox. 3; H331 Aquatic Chronic 3; H412 Skin Sens. 1; H317 STOT SE 3; H335	-
Index No.: 615-011-00-1 CAS No.: 822-06-0 EC No.: 212-485-8 Registration No.: 01-2119457571-37-XXXX	[2] hexamethylene diisocyanate	< 0.1 %	Acute Tox. 3 *; H331 Eye Irrit. 2; H319 Resp. Sens. 1; H334 Skin Irrit. 2; H315 Skin Sens. 1; H317 STOT SE 3; H335	Resp. Sens. 1; H334: C ≥ 0.5 % Skin Sens. 1; H317: C ≥ 0.5 %

(*) The full text of the H phrases is detailed in section 16 of this Safety Data Sheet.

* See Regulation (EC) No 1272/2008, Annex VI, section 1.2.

[2] Substance with a national workplace exposure limit (see section 8.1).

4 FIRST AID MEASURES.

4.1 Description of first aid measures.

In case of doubt, or when symptoms of discomfort persist, seek medical attention. Never give anything by mouth to unconscious persons.

Inhalation.

Move the casualty to fresh air, keep them warm and at rest; if breathing is irregular or stops, perform artificial respiration. Do not give anything by mouth. If unconscious, place in a suitable position and seek medical help. It is advisable for persons providing first aid to use personal protective equipment (see section 8).

Eye contact.

Remove contact lenses, if worn and easy to do so. Wash the eyes thoroughly with clean, fresh water for at least 10 minutes, pulling the eyelids upwards, and seek medical attention.

Skin contact.

Remove contaminated clothing. Wash the skin vigorously with soap and water or a suitable skin cleanser. NEVER use solvents or thinners.

Ingestion.

If swallowed accidentally, seek medical attention immediately. Keep at rest. NEVER induce vomiting.

4.2 Most important symptoms and effects, both acute and delayed.

Irritant product: repeated or prolonged contact with the skin or mucous membranes may cause redness, blistering or dermatitis; inhalation of spray mist or suspended particles may cause irritation of the respiratory tract; some of the symptoms may not be immediate.

Harmful product: prolonged exposure by inhalation may cause anaesthetic effects and require immediate medical attention.

May cause an allergic reaction, dermatitis, redness or inflammation of the skin.

4.3 Indication of any immediate medical attention and special treatment needed.

In cases of doubt, or when symptoms of discomfort persist, seek medical attention. Never give anything by mouth to unconscious persons. Do not induce vomiting. If the person vomits, clear the airways.

5 FIRE-FIGHTING MEASURES.

The product does not present any particular fire hazard.

5.1 Extinguishing media.

Suitable extinguishing media:

Extinguishing powder or CO_2. In the case of more serious fires, also alcohol-resistant foam and water spray.

Unsuitable extinguishing media:

Do not use a direct jet of water for extinguishing. In the presence of electrical voltage, the use of water or foam as extinguishing media is not acceptable.

5.2 Special hazards arising from the substance or mixture.

Special risks.

Exposure to combustion or decomposition products may be harmful to health.

5.3 Advice for fire-fighters.

Cool tanks, tankers or containers near the source of heat or fire with water. Take the wind direction into account. Prevent the products used to fight the fire from entering drains, sewers or watercourses.

Fire protection equipment.

Depending on the magnitude of the fire, it may be necessary to use heat-protective suits, self-contained breathing apparatus, gloves, protective goggles or face masks and boots.

6 ACCIDENTAL RELEASE MEASURES.

6.1 Personal precautions, protective equipment and emergency procedures.

For exposure control and personal protection measures, see section 8.

6.2 Environmental precautions.

Product not classified as hazardous to the environment; avoid any spillage as far as possible.

6.3 Methods and material for containment and cleaning up.

Contain and collect the spill with inert absorbent material (earth, sand, vermiculite, diatomaceous earth...) and clean the area immediately with a suitable decontaminant.

Place the residues in closed containers suitable for disposal, in accordance with local and national regulations (see section 13).

6.4 Reference to other sections.

For exposure control and personal protection measures, see section 8.

For waste disposal, follow the recommendations of section 13.

7 HANDLING AND STORAGE.

7.1 Precautions for safe handling.

For personal protection, see section 8.

Smoking, eating and drinking must be prohibited in the application area.

Comply with legislation on occupational safety and hygiene.

Never use pressure to empty the containers; they are not pressure-resistant. Keep the product in containers of the same material as the original.

7.2 Conditions for safe storage, including any incompatibilities.

Store in accordance with local legislation. Observe the indications on the label. Store the containers between 5 and 25 °C, in a dry, well-ventilated place, away from sources of heat and direct sunlight. Keep away from ignition points. Keep away from oxidising agents and strongly acidic or alkaline materials. Do not smoke. Prevent entry by unauthorised persons. Once opened, the containers must be carefully resealed and placed upright to avoid spillage.

Classification and storage threshold quantity in accordance with Annex I of Directive 2012/18/EU (SEVESO III):

		Threshold quantity (tonnes) for the application of	
Code	Description	lower-tier requirements	upper-tier requirements
H2	ACUTE TOXICITY	50	200

7.3 Specific end use(s).

Not available.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION.

8.1 Control parameters.

Exposure limit during work for:

Name	CAS No.	Country	Limit value	ppm	mg/m 3
hexamethylene diisocyanate	822-06-0	Spain [1]	Eight hours	0.005 (Sensitiser)	0.035 (Sensitiser)
			Short term		

[1] According to the list of Environmental Limit Values for Occupational Exposure adopted by the National Institute for Safety and Health at Work (INSST) for the year 2022.

The product does NOT contain substances with Biological Limit Values.

DNEL/DMEL concentration levels:

Name	DNEL/DMEL	Type	Value
hexamethylene diisocyanate, oligomers CAS No.: 28182-81-2 EC No.:	DNEL (Workers)	Inhalation, Chronic, Local effects	0.5 (mg/m³)
	DNEL (Workers)	Inhalation, Short term, Local effects	1 (mg/m³)
hexamethylene diisocyanate CAS No.: 822-06-0 EC No.: 212-485-8	DNEL (Workers)	Inhalation, Chronic, Local effects	0.035 (mg/m³)
	DNEL (Workers)	Inhalation, Chronic, Systemic effects	0.035 (mg/m³)

DNEL: Derived No Effect Level, level of exposure to the substance below which no adverse effects are expected.

DMEL: Derived Minimal Effect Level, level of exposure corresponding to a low risk, which should be considered a minimal tolerable risk.

8.2 Exposure controls.

Technical measures:

Provide adequate ventilation, which can be achieved by good local extraction-ventilation and a good general extraction system.

Concentration:	**100 %**
Uses:	**Coating**
Respiratory protection:	



PPE: Filter mask for protection against gases and particles
Characteristics: «CE» marking, Category III. The mask must have a wide field of vision and an anatomical shape to provide a tight and hermetic seal.
CEN standards: EN 136, EN 140, EN 405
Maintenance: Do not store in places exposed to high temperatures or humid environments before use. The condition of the inhalation and exhalation valves of the face adapter must be checked in particular.
Remarks: The manufacturer's instructions on the use and maintenance of the equipment must be read carefully. The necessary filters shall be fitted to the equipment according to the specific characteristics of the risk (Particles and aerosols: P1-P2-P3, Gases and vapours: A-B-E-K-AX), and changed as advised by the manufacturer.
Type of filter required: A2

Hand protection:



PPE: Protective gloves against chemicals
Characteristics: «CE» marking, Category III.
CEN standards: EN 374-1, EN 374-2, EN 374-3, EN 420
Maintenance: Store in a dry place, away from possible heat sources, and avoid exposure to sunlight as far as possible. No modifications that could alter their resistance shall be made to the gloves, and no paints, solvents or adhesives shall be applied.
Remarks: Gloves must be the correct size and fit the hand without being too loose or too tight. They must always be used with clean, dry hands.

PVC (Polyvinyl Material: chloride)	Breakthrough > 480 time (min.):	Material 0.35 thickness (mm):

Eye protection:



PPE: Face shield
Characteristics: «CE» marking, Category II. Eye and face protector against liquid splashes.
CEN standards: EN 165, EN 166, EN 167, EN 168
Maintenance: Visibility through the lenses must be optimal, so they must be cleaned daily; the protectors must be disinfected periodically following the manufacturer's instructions. Care must be taken that the moving parts operate smoothly.
Remarks: Face shields must have a field of vision with a dimension on the centre line of at least 150 mm, in the vertical direction once fitted to the frame.

Skin protection:



PPE: Protective clothing with antistatic properties
Characteristics: «CE» marking, Category II. Protective clothing must not be tight or loose so that it does not interfere with the wearer's movements.
CEN standards: EN 340, EN 1149-1, EN 1149-2, EN 1149-3, EN 1149-5
Maintenance: The washing and care instructions provided by the manufacturer must be followed to ensure consistent protection.
Remarks: Protective clothing should provide a level of comfort consistent with the level of protection it must provide against the risk concerned, the environmental conditions, the wearer's activity level and the expected duration of use.



PPE:	Protective footwear with antistatic properties
Characteristics:	«CE» marking, Category II.
CEN standards:	EN ISO 13287, EN ISO 20344, EN ISO 20346
Maintenance:	Footwear must be checked regularly; if its condition is poor, it must no longer be used and must be replaced.
Remarks:	Comfort in use and acceptability are factors that are assessed very differently by individuals. It is therefore advisable to try different models of footwear and, if possible, different widths.

9 PHYSICAL AND CHEMICAL PROPERTIES.

9.1 Information on basic physical and chemical properties.

Physical state: Liquid

Colour: colourless or slightly yellowish

Odour: faint

Odour threshold: Not applicable/Not available due to the nature of the product/properties of the product.

Melting point: Not applicable/Not available due to the nature of the product/properties of the product.

Freezing point: Not applicable/Not available due to the nature of the product/properties of the product.

Boiling point/Initial boiling point/boiling range: 122 °C

Flammability: non-flammable

Lower explosion limit: 0.9 % vol

Upper explosion limit: Not applicable/Not available due to the nature of the product/properties of the product.

Flash point: 185 °C

Auto-ignition temperature: Not applicable/Not available due to the nature of the product/properties of the product.

Decomposition temperature: Not applicable/Not available due to the nature of the product/properties of the product.

pH: Not applicable/Not available due to the nature of the product/properties of the product.

Kinematic viscosity: Not applicable/Not available due to the nature of the product/properties of the product.

Solubility: dispersible in water

Water solubility: reacts

Fat solubility: Not applicable/Not available due to the nature of the product/properties of the product.

Partition coefficient (n-octanol/water)(logarithmic value): Not applicable/Not available due to the nature of the product/properties of the product.

Vapour pressure: 22 hPa at 20 °C

Absolute density: Not applicable/Not available due to the nature of the product/properties of the product.

Relative density: 1,15

Vapour density: Not applicable/Not available due to the nature of the product/properties of the product.

Particle characteristics: Not applicable/Not available due to the nature of the product/properties of the product.

9.2 Other information.

Other safety characteristics

Viscosity: 600-700 mPa·s at 20 °C

Dropping point: -45 °C

10 STABILITY AND REACTIVITY.

10.1 Reactivity.

The product does not present hazards due to its reactivity.

10.2 Chemical stability.

Stable under the recommended handling and storage conditions (see section 7).

10.3 Possibility of hazardous reactions.

The product does not present the possibility of hazardous reactions.

10.4 Conditions to avoid.

Avoid any type of incorrect handling.

10.5 Incompatible materials.

Keep away from oxidising agents and strongly alkaline or acidic materials, in order to avoid exothermic reactions.

10.6 Hazardous decomposition products.

Does not decompose if used for the intended purposes.

11 TOXICOLOGICAL INFORMATION.

IRRITANT MIXTURE. Inhalation of spray mist or suspended particles may cause irritation of the respiratory tract. It may also cause severe breathing difficulties, central nervous system disturbance and, in extreme cases, unconsciousness.

11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008.

Toxicological information on the substances present in the composition.

Name	Acute toxicity			
	Type	Test	Species	Value
hexamethylene diisocyanate CAS No.: 822-06-0 EC No.: 212-485-8	Oral	LD50	Rat	738 mg/kg bw [1]
	Dermal	LD50	Rabbit	593 mg/kg bw [1]
	Inhalation			

a) acute toxicity;

Classified product:

Acute inhalation toxicity, Category 4: Harmful if inhaled.

Acute toxicity estimate (ATE):

Mixtures:

ATE (Inhalation) = 7 mg/l/4 h (Vapours)

b) skin corrosion or irritation;

In view of the available data, the classification criteria are not met.

c) serious eye damage or irritation;

In view of the available data, the classification criteria are not met.

d) respiratory or skin sensitisation;

Classified product:

Skin sensitiser, Category 1: May cause an allergic skin reaction.

e) germ cell mutagenicity;

Inconclusive data for classification.

f) carcinogenicity;

Inconclusive data for classification.

g) reproductive toxicity;

Inconclusive data for classification.

h) specific target organ toxicity (STOT) - single exposure;

Classified product:

Specific target organ toxicity after single exposure, Category 3: May cause respiratory irritation.

i) specific target organ toxicity (STOT) - repeated exposure;

Inconclusive data for classification.

j) aspiration hazard;

Inconclusive data for classification.

11.2 Information on other hazards.

Endocrine-disrupting properties.

This product does not contain components with endocrine-disrupting properties with effects on human health.

Other information.

No other information is available on other adverse effects on health.

12 ECOLOGICAL INFORMATION.

12.1 Toxicity.

Name	Ecotoxicity			
	Type	Test	Species	Value
hexamethylene diisocyanate CAS No.: 822-06-0 EC No.: 212-485-8	Fish	LC0	Danio rerio	>= 82.8 mg/L (96 h) [1]
	Aquatic invertebrates	EC0	Dafnia magna	>= 89.1 mg/L (48 h) [1]
	Aquatic plants	EC50	Desmodesmus subspicatus	> 77.4 mg/L (72 h) [1]

12.2 Persistence and degradability.

No information is available on the biodegradability of the substances present.

No information is available on the degradability of the substances present.

No information is available on the persistence and degradability of the product.

12.3 Bioaccumulative potential.

No information is available on the bioaccumulation of the substances present.

12.4 Mobility in soil.

No information is available on mobility in soil.

The product must not be allowed to enter sewers or watercourses.

Avoid penetration into the ground.

12.5 Results of PBT and vPvB assessment.

No information is available on the PBT and vPvB assessment of the product.

12.6 Endocrine-disrupting properties.

This product does not contain components with endocrine-disrupting properties on the environment.

12.7 Other adverse effects.

The product is not affected by Regulation (EC) No 1005/2009 of the European Parliament and of the Council of 16 September 2009 on substances that deplete the ozone layer.

No other information is available on other adverse effects on the environment.

13 DISPOSAL CONSIDERATIONS.

13.1 Waste treatment methods.

Discharge into sewers or watercourses is not permitted. Waste and empty containers must be handled and disposed of in accordance with the local/national legislation in force.

Follow the provisions of Directive 2008/98/EC regarding waste management.

14 TRANSPORT INFORMATION.

Not hazardous for transport. In the event of an accident and spillage of the product, act in accordance with section 6.

14.1 UN number or ID number.

Not hazardous for transport.

14.2 UN proper shipping name.

Description:

ADR/RID: Not hazardous for transport.

IMDG: Not hazardous for transport.

ICAO/IATA:	Not hazardous for transport.

14.3 Transport hazard class(es).

Not hazardous for transport.

14.4 Packing group.

Not hazardous for transport.

14.5 Environmental hazards.

Not hazardous for transport.

Transport by ship, EmS - Emergency schedules (F – Fire, S – Spillage): Not applicable.

14.6 Special precautions for user.

Not hazardous for transport.

14.7 Maritime transport in bulk according to IMO instruments.

Not hazardous for transport.

15 REGULATORY INFORMATION.

15.1 Regulations/legislation specific for the substance or mixture on safety, health and environment.

Volatile organic compound (VOC)
Product subcategory (Directive 2004/42/EC): j - Two-pack reactive performance coatings for specific end uses such as floors, water-based
Phase I * (from 01/01/2007): 140 g/l

Phase II* (from 01/01/2010): 140 g/l
(*) g/l ready to use

VOC content (w/w): 0 %

VOC content: 0 g/l

The provisions of Directive 2004/42/EC on VOCs apply to this product. See the product label and/or safety data sheet for more information.

The product is not affected by Regulation (EU) No 528/2012 concerning the making available on the market and use of biocidal products.

The product is not affected by the procedure established in Regulation (EU) No 649/2012 concerning the export and import of hazardous chemicals.

Restrictions on the manufacture, placing on the market and use of certain dangerous substances and mixtures:

Designation of the substance, of the group of substances or of the mixture	Conditions of restriction
74. Diisocyanates, O=C=N-R-N=C=O where R is an aliphatic or aromatic hydrocarbon unit of unspecified length	1. Shall not be used as substances on their own or as constituents in other substances or in mixtures for industrial and professional use(s) after 24 August 2023, unless: (a) the concentration of diisocyanates individually and in combination is less than 0.1 % by weight, or (b) the employer or self-employed worker ensures that industrial or professional user(s) have successfully completed training on the safe use of diisocyanates before using the substance(s) or mixture(s). 2. Shall not be placed on the market after 24 February 2022 as substances on their own or as constituents in other substances or in mixtures for industrial and professional use(s), unless: a) the concentration of diisocyanates individually and in combination is less than 0.1 % by weight, or b) the supplier ensures that the recipient of the substance(s) or mixture(s) is provided with information on the requirements referred to in paragraph 1(b), and that the packaging contains, clearly separated from other information on the label, the following statement: “As from 24 August 2023 adequate training on safe use is required before industrial or professional use”. 3. For the purposes of this entry, “industrial and professional users” means all self-employed and employed workers who handle diisocyanates as such or as constituents in other substances or in mixtures for industrial or professional use(s) or who supervise those tasks. 4. The training referred to in paragraph 1(b) shall include instructions on controlling dermal and inhalation exposure to diisocyanates at the workplace, without prejudice to any national occupational exposure limit value or other appropriate national risk management measures. The training shall be provided by an occupational safety and health expert who has acquired the relevant competence through appropriate professional training. The training shall cover at least the following: a) the training elements referred to in paragraph 5(a) for all industrial and professional uses; b) the training elements referred to in paragraph 5(a) and (b) for the following uses: • handling of open mixtures at ambient temperature (including foam tunnels); • spraying in a ventilated booth; • application by roller; • application by brush; • application by dipping and pouring; • mechanical post-processing (e.g. cutting) of articles that are not fully cured and are no longer hot; • cleaning and waste; • any other uses with similar exposure by dermal and/or inhalation route;

Designation of the substance, of the group of substances or of the mixture	Conditions of restriction
	c) the training elements referred to in paragraph 5(a), (b) and (c) for the following uses: • handling of articles that are not fully cured (e.g. freshly cured, still hot); • foundry applications; • maintenance and repair work requiring access to equipment; • open handling of hot or very hot formulations (> 45 °C); • spraying in open air, with limited ventilation or with natural ventilation only (including large industrial work halls), and high-energy spraying (e.g. foams and elastomers); • any other uses with similar exposure by dermal and/or inhalation route. 5. Training elements: a) general training, including online training, on: • chemistry of diisocyanates; • toxicity hazards (including acute toxicity); • exposure to diisocyanates; • occupational exposure limit values; • how sensitisation develops; • odour as an indicator of danger; • importance of volatility for risk; • viscosity, temperature and molecular weight of diisocyanates; • personal hygiene; • personal protective equipment needed, including practical instructions for its correct use and its limitations; • risks of exposure by dermal contact and inhalation; • risks related to the application processes used; • skin and inhalation protection scheme; • ventilation; • cleaning, leakages, maintenance; • discard of empty packaging; • protection of bystanders; • identification of critical handling stages; • specific national system (if applicable); • behaviour-based safety; • certification or documented proof of successfully completing the training; b) intermediate level training, including online training, on: • additional behaviour-based aspects; • maintenance; • management of change; • evaluation of existing safety instructions; • risks related to the application processes used; • certification or documented proof of successfully completing the training; c) advanced level training, including online training, on: • any additional certification needed for the specific uses covered; • spraying outside the corresponding booth; • open handling of hot or very hot formulations (> 45 °C); • certification or documented proof of successfully completing the training.

Designation of the substance, of the group of substances or of the mixture	Conditions of restriction
	6. Training shall comply with the provisions of the Member State in which the industrial or professional user(s) operate(s). Member States may establish or continue to apply their own national requirements for the use of the substances or mixtures provided that the minimum requirements established in paragraphs 4 and 5 are met. 7. The supplier referred to in paragraph 2(b) shall ensure that training material and training courses in accordance with paragraphs 4 and 5 are provided to the recipient in the official language(s) of the Member State(s) where the substances or mixtures are supplied. The training shall take into account the specificities of the products supplied, including their composition, packaging and design. 8. The employer or self-employed worker shall document the successful completion of the training referred to in paragraphs 4 and 5. The training shall be reviewed at least every five years. 9. Member States shall include the following information in their reports pursuant to Article 117(1): a) any training requirements and other risk management measures established in relation to industrial and professional uses of diisocyanates in national legislation; b) number of notified and recognised cases of occupational asthma and occupational respiratory and skin diseases related to diisocyanates; c) national exposure limits for diisocyanates, if any; d) information on enforcement activities directed at this restriction. 10. This restriction shall apply without prejudice to any other Union legislation on the protection of the health and safety of workers at work.

15.2 Chemical safety assessment.

A chemical safety assessment of the product has not been carried out.

16 OTHER INFORMATION.

Full text of the H phrases appearing in section 3:

H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H319	Causes serious eye irritation.
H331	Toxic if inhaled.
H332	Harmful if inhaled.
H334	May cause allergy or asthma symptoms or breathing difficulties if inhaled.
H335	May cause respiratory irritation.
H412	Harmful to aquatic life with long lasting effects.

Classification codes:

Acute Tox. 3 : Acute inhalation toxicity, Category 3

Acute Tox. 4 : Acute inhalation toxicity, Category 4

Aquatic Chronic 3 : Chronic hazard to the aquatic environment, Category 3

Eye Irrit. 2 : Eye irritation, Category 2

Resp. Sens. 1 : Respiratory sensitiser, Category 1

Skin Irrit. 2 : Skin irritant, Category 2

Skin Sens. 1 : Skin sensitiser, Category 1

STOT SE 3 : Specific target organ toxicity after single exposure, Category 3

Classification and procedure used to derive the classification of mixtures in accordance with Regulation (EC) No 1272/2008 [CLP]:

Physical hazards	According to test data
Health hazards	Calculation method

Environmental hazards	Calculation method

Basic training in occupational health and safety is advised in order to handle the product correctly.

Abbreviations and acronyms used:

CEN: European Committee for Standardization.

DMEL: Derived Minimal Effect Level, level of exposure corresponding to a low risk, which should be considered a minimal tolerable risk.

DNEL: Derived No Effect Level, level of exposure to the substance below which no adverse effects are expected.

EC50: Median effective concentration.

PPE: Personal protective equipment.

LC50: Lethal concentration, 50%.

LD50: Lethal dose, 50%.

Main bibliographic references and data sources:

http://eur-lex.europa.eu/homepage.html
http://echa.europa.eu/
Regulation (EU) 2020/878.

Regulation (EC) No 1907/2006.

Regulation (EC) No 1272/2008.

The information provided in this Safety Data Sheet has been drawn up in accordance with COMMISSION REGULATION (EU) 2020/878 of 18 June 2020 amending Annex II to Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH).

The information in this Product Safety Data Sheet is based on current knowledge and on the laws in force of the EC and of the Member States, insofar as the working conditions of users are beyond our knowledge and control. The product must not be used for purposes other than those specified, without first obtaining written instructions for its handling. It is always the responsibility of the user to take the appropriate measures in order to comply with the requirements established in legislation.